

A LIST OF DRAGON-FLIES COLLECTED AT WAREHAM, MASS., DURING THE YEARS 1911 TO 1913 BY MR. OUTRAM BANGS.

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The following rather remarkable list of Odonata is the result of my determination of a collection made by Mr. Bangs at Wareham, Massachusetts, and the material on which it is based is now distributed through the general collection of the Museum of Comparative Zoölogy, Cambridge, Mass. Access to the specimens was obtained through the kindness of Mr. Nathan Banks, and permission to publish the list secured from both Mr. Banks and Dr. Samuel Henshaw. Several duplicates are in the author's collection, and that of the Boston Society of Natural History.

Though Mr. Bangs is not familiar with the group Odonata his trained naturalist's eye made it possible for him to collect a very large percentage of the species that occur, and the list is deficient only in the Zygoptera or smaller Damsel-flies. Mr. Bangs has provided annotations of several interesting species.

Zygoptera.

1. *Agrion aquabile* (Say). "Occurs only, so far as I know, along Eagle hill river. I got one."
2. *Agrion maculatum* Beauv. June 2-9. Several specimens.
3. *Lestes eurinus* Say. June to July 30. Several specimens.
4. *Lestes unguiculatus* Hagen. One specimen.
5. *Lestes rectangularis* (Say). June 28 to July 30. Several specimens. I collected it at Monument Beach.
6. *Lestes vigilax* Hagen. July 30. One specimen. I collected it at Wareham in 1917.
7. *Lestes inqualis* Walsh. Aug. 12. One specimen.

Note: I collected *Lestes forcipatus* Rambur., in the nearby town of Monument Beach.

8. *Argia violacea* (Hagen). July 5 to Sept. 4. Several specimens. I collected it at Wareham in 1917.
9. *Enallagma durum* (Hagen) June to Aug. 3. Several specimens. This is the most northern station for this species.

10. *Enallagma traviatum* Selys. July 8. One specimen.
11. *Enallagma cirile* (Hagen). I collected this species at Wareham in 1917, and Mr. Bangs has one doubtful specimen in his collection.
12. *Enallagma pictum* Morse. July 8 to 30. Two specimens. This is the second New England record for this species, and the most northern station for it.
13. *Enallagma signatum* (Hagen). Aug. 3. One specimen.
14. *Amphiagrion saucium* (Burm.). Aug. 3. Several specimens.
15. *Ischnura verticalis* (Say). June to July 10. Several specimens. I collected the species at Monument Beach in 1917.
16. *Anomalagrion hastatum* (Say). July 10. Several specimens.

Anisoptera.

17. *Cordulagaster diastatops* Selys. June 17. One specimen.
18. *Progomphus obscurus* Ramb. July 5 to 29. Several specimens. Not uncommon in the oak scrub Mr. Bangs tells me. This is the second New England Station for this species.
19. *Hagenius brevistylus* Selys. July 8. "Local, usually seen along cranberry bog ditches and brooks." This is the most southern latitudinal record for the species.
20. *Gomphus exilis* Selys. July 5 to 8. Two specimens.
21. *Dromogomphus spinosus* Selys. July 29 to Sept. 1. Several specimens.
22. *Boyeria vinosa* (Say). June to Aug. 15. Two specimens.
23. *Basiarschna janata* (Say). May 31. One specimen.
24. *Anax junius* (Drury). June 17 to Sept. 20. Several specimens
25. *Anax longipes* Hagen. "Seen three or four times always over ponds. Hard to catch." Mr. Bangs is sure that his determination is correct. This is the second New England station for the species.
26. *Æshna canadensis* Walk. Aug. 16 to 20. Several specimens.
27. *Æshna clepsydra* Say. Aug. 7. One specimen.
28. *Æshna umbrosa* Walk. Aug. 23 to Sept. 11. Several specimens.
29. *Epiaschna heros* (Fabr.). Sept. 20. One specimen.
30. *Macromia illinoiensis* Walsh. July 27. One specimen.

31. *Epicordulia princeps* (Hagen). July 3 to 26. "Common at times."
32. *Tetragoneuria cynosura* (Say). May 3 to Aug. 3. Several specimens.
33. *Tetragoneuria cynosura simulans* Mutt. May 3 to July 9. Several specimens.
34. *Dorocordulia lepida* (Hagen). June 28 to Aug. 3. Several specimens.
35. *Somatochlora tenebrosa* (Say). Aug. 2 to 7. Several specimens.
36. *Libellula (Ladona) exusta* Say. May 7 to July 9. Several specimens.
37. *Libellula auripennis* Burm. July 4 to 30. Several specimens.
38. *Libellula cyanea* Fabr. June 28 to Aug. 7. Several specimens. The females of the series approach very closely *L. flava* Will.
39. *Libellula incesta* Hagen. July 6 to Aug. 5. Several specimens. One specimen shows a slight approach to *L. flava* Williamson in the number of subtriangle cells.
40. *Libellula pulchella* Drury. June 20 to Aug. 8. Several specimens.
41. *Libellula quadrimaculata* Linn. May 31 to June 28. Several specimens.
42. *Libellula semifasciata* Burm. May 3 to Aug. 7. Several specimens.
43. *Plathemis lydia* (Drury). May 31 to July 5. Several specimens.
44. *Perithemis domitia tenera* (Say). July 18 to Aug. 9. Several specimens.
45. *Nannothemis bella* (Uhler). July 8. Several specimens.
46. *Erythrodiplax berenice* (Drury). July 8 to 10. Several specimens. Confined to salt marshes.
47. *Erythemis simplicicollis* (Say). July 8 to 30. Several specimens.
48. *Sympetrum costiferum* (Hagen). Aug. 6. One specimen.
49. *Sympetrum rubicundulum* (Say). June 17 to July 30. Several specimens.
50. *Sympetrum semicinctum* (Say). July 30 to Aug. 7. Several specimens.
51. *Sympetrum vicinum* (Hagen). June. One specimen.

52. *Pachydiplax longipennis* (Burm.). June 7 to Aug. 6. Several specimens.
53. *Leucorrhinia frigida* Hagen. June to Aug. 11. Several specimens. This is the most southern station for this northern species.
54. *Leucorrhinia intacta* Hagen. June 9. Several specimens.
55. *Celithemis elisa* (Hagen). July 26 to Aug. 11. Several specimens.
56. *Celithemis eponina* (Drury). July 8 to Aug. 16. Several specimens.
57. *Celithemis monomelavana* Will. July 8 to Aug. 14. Several specimens. This is the most northern and second New England record and station for this rare southern species.
58. *Celithemis ornata* Ramb. July 2 to Aug. 14. Several specimens.
59. *Pantala flarescens* (Fabr.). Aug. 9. One specimen.
60. *Tramea carolina* (Linn.). June to July 30. Several specimens.

NOTE ON THE GENUS LIOBRACON, WITH THE
DESCRIPTION OF A NEW SPECIES (HYMEN-
OPTERA; BRACONIDÆ).

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In a small collection of Parasitic Hymenoptera collected in Hayti several years ago by Dr. William M. Mann, I have found several specimens of the insect described by Cresson as *Bracon distinctus* in his "Hymenoptera of Cuba." This proves to belong to the genus *Liobracon* Szépligeti, to which several South American species have hitherto been referred. In addition there is a second species taken by Dr. Mann which is described below.

***Liobracon* Szépligeti.**

Termes Füzetek, Vol. 24, p. 361. (1901.)

Gen. Ins., fasc. 22, p. 66. (1904.)

Type *L. macula* Brullé (*singularis* Szép).

The species may be distinguished as follows: